

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2005/001046

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16H3/091

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F16H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 344 713 A (FIATGEOTECH - TECNOLOGIE PER LA TERRA S.P.A) 6 December 1989 (1989-12-06) figure 1	1-5, 8-10, 14-16 6,7,11
Y	DE 101 46 837 A1 (VALEO, PARIS) 8 May 2002 (2002-05-08) figures	6,7
Y	DE 103 20 280 A1 (LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG) 20 November 2003 (2003-11-20) figure 10	11
P,X	EP 1 467 128 A (NISSAN MOTOR COMPANY, LIMITED) 13 October 2004 (2004-10-13) figure 2	1-16
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

3 June 2005

Date of mailing of the International search report

13/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Goeman, F

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 067 008 A (VOLKSWAGEN AKTIENGESELLSCHAFT) 10 January 2001 (2001-01-10) -----	
A	CROSSES J: "GEARING UP" AUTOMOTIVE ENGINEER, MECHANICAL ENGINEERING PUBL.LTD. BURY ST.EDMUNDS, GB, vol. 28, no. 4, April 2003 (2003-04), pages 66,69-70, XP001159253 ISSN: 0307-6490 -----	
A	WO 00/57080 A (DIMITROV, DIMITAR GUEORGIEV) 28 September 2000 (2000-09-28) -----	
A	US 4 632 234 A (BARDOLL ET AL) 30 December 1986 (1986-12-30) -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

T/GB2005/001046

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0344713 A	06-12-1989	IT 1219343 B DE 68913356 D1 DE 68913356 T2 EP 0344713 A2 ES 2051922 T3 US 4957016 A	11-05-1990 07-04-1994 01-09-1994 06-12-1989 01-07-1994 18-09-1990
DE 10146837 A1	08-05-2002	FR 2814517 A1 FR 2814516 A1	29-03-2002 29-03-2002
DE 10320280 A1	20-11-2003	AU 2003239755 A1 WO 03095871 A2 DE 10392606 D2 EP 1506359 A2 FR 2839540 A1	11-11-2003 20-11-2003 17-02-2005 16-02-2005 14-11-2003
EP 1467128 A	13-10-2004	JP 2004308841 A EP 1467128 A1 US 2004204288 A1	04-11-2004 13-10-2004 14-10-2004
EP 1067008 A	10-01-2001	DE 19931160 A1 EP 1067008 A2	11-01-2001 10-01-2001
WO 0057080 A	28-09-2000	AU 6453999 A WO 0057080 A1 BG 103275 A	09-10-2000 28-09-2000 29-09-2000
US 4632234 A	30-12-1986	DE 3343827 A1 DE 3476648 D1 EP 0144737 A2 JP 60135336 A	13-06-1985 16-03-1989 19-06-1985 18-07-1985

PATENT COOPERATION TREATY

PCTINTERNATIONAL APPLICATION STATUS FORM
(IASF)**Date of issue of this IASF:**(the information contained in this IASF reflects the status
of the international application as of this date)
09 February 2006 (09.02.2006)

From the INTERNATIONAL BUREAU

To:

UNITED STATES PATENT AND TRADEMARK OFFICE
Commissioner for Patents,
P.O.Box 1450
Alexandria VA 22313 -1450
ETATS-UNIS D'AMERIQUE

I - INTERNATIONAL APPLICATION		
I-1	International application number:	PCT/GB2005/001046
I-2	International filing date:	21 March 2005 (21.03.2005)
I-3	Earliest priority date:	22 March 2004 (22.03.2004)
I-4	Title of the invention:	TWIN-CLUTCH MANUAL GEARBOX
I-5	International Patent Classification:	⁷ F16H 3/091
I-6	Language of filing:	English
I-7	The State for which the Office acts as a designated Office has been designated in the international application:	Yes
I-7-1	Indication of the State(s) designated in the international application in respect of which the Office acts as a designated Office (only where the designated Office is a regional Office):	Not applicable
I-7-2	The international application has been considered withdrawn in a declaration made by the receiving Office on (date):	Not applicable
I-7-3	The international application or the designation of the State for which the Office acts as a designated Office has been withdrawn by the applicant (date on which withdrawal became effective):	Not applicable
I-7-4	Kind of protection or treatment:	Patent
I-7-4-1	Identification of parent application or parent grant:	Not applicable
I-8	Date of receipt of record copy by the International Bureau:	21 April 2005 (21.04.2005)
I-9	Applicant(s) and/or inventor(s) for the State(s) for which the Office acts as a designated Office	
I-9-1	Applicant and/or inventor	
I-9-1-1	Data currently on record	
I-9-1-1-1	Applicant's and/or inventor's name:	TERAI, Kei
I-9-1-1-2	Address:	Nissan Motor Co., Ltd 2, Takaramachi Kanagawa Ward Yokohama City Kanagawa Prefecture Japan
I-9-1-1-3	State of nationality:	JP
I-9-1-1-4	State of residence:	JP
I-9-1-1-5	This person is:	Applicant and inventor

I-9-1-2	Data previously on record (in case of a change recorded by the International Bureau under Rule 92bis):	No data previously on record available for inclusion in this IASF; any such data is available from the IB.
I-9-1-3	Indication of the State(s) designated in the international application for the purposes of which the person is an applicant and/or inventor (only where the designated Office is a regional Office):	Not applicable
I-10	The international application contains sequence listings and/or tables filed under Section 801(a) of the Administrative Instructions:	No
I-11	The following declaration(s) referred to in Rule 4.17 made for the purposes of the State(s) for which the Office acts as a designated Office was (were) contained in the international application as filed or received by the International Bureau before the expiration of the time limit under Rule 20r.1:	
I-11-1	Declaration(s) as to the identity of the inventor (Rules 4.17(i) and 51bis.1(a)(i)):	Not applicable
I-11-2	Declaration(s) as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)):	Not applicable
I-11-3	Combined declaration(s) as to the identity of the inventor (Rules 4.17(i) and 51bis.1(a)(i)) and the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)) :	Not applicable
I-11-4	Declaration(s) as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):	Not applicable
I-11-5	Declaration(s) of inventorship (only for the purposes of the designation of the United States of America) (Rules 4.17(iv) and 51bis.1(a)(iv)):	Not applicable
I-11-6	Declaration(s) as to non-prejudicial disclosures or exceptions to lack of novelty (Rules 4.17(v) and 51bis.1(a)(v)):	Not applicable
II - PRIORITY CLAIM(S)		
II-1	Number of earlier application:	2004-082299
II-1-1	Filing date of earlier application:	22 March 2004 (22.03.2004)
II-1-2	Country in which, or regional Office or receiving Office with which earlier application was filed (where the earlier application is an ARIPO application, indication of the country party to the Paris Convention or Member of the World Trade Organization for which that earlier application was filed):	JP
II-1-3	Priority document received at the International Bureau on:	27 July 2005 (27.07.2005)
II-1-4	Priority document submitted or transmitted in compliance with Rule 17.1(a) or (b) (only where priority document was received at the International Bureau):	Yes
II-1-5	Applicant has requested the receiving Office to prepare and transmit the priority document in compliance with Rule 17.1(b) (only where no priority document was received at the International Bureau):	Not applicable
II-1-6	Priority claim withdrawn by a notice from the applicant (date on which withdrawal became effective; if the notice of withdrawal was received by the International Bureau after completion of technical preparations for international publication, such withdrawal will not have been reflected in the pamphlet) (Rule 90bis.3):	Not applicable
II-1-7	Declaration by the receiving Office or the International Bureau that priority claim is considered, for the purposes of the procedure under the Treaty, not to have been made (date of declaration) (Rule 20bis.2(b)):	Not applicable

III - INTERNATIONAL SEARCH REPORT		
III-1	International Searching Authority carrying out the international search:	ISA/EP
III-2	International search report or declaration under Article 17 (2)(a) received by the International Bureau:	Yes
III-3	Corrected version(s) of the international search report (if any) received by the International Bureau:	Not applicable
IV - REFERENCE TO DEPOSITED BIOLOGICAL MATERIAL		Not applicable
V - INTERNATIONAL PUBLICATION		
V-1	International publication number:	WO 2005/093288 (A1)
V-2	International publication date:	06 October 2005 (06.10.2005)
V-3	Language of publication:	English
V-4	Number of figure of drawing published together with the abstract:	2
V-5	Republication(s) (republishing date(s) and reason(s)):	Not applicable
VI - INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (CHAPTER I)		
VI-1	International preliminary report on patentability (Chapter I) issued by the International Bureau on:	Not applicable
VI-2	Corrected version(s) of the international preliminary report on patentability (Chapter I) (if any) issued by the International Bureau on:	Information not available for inclusion in this IASF
VII - INTERNATIONAL PRELIMINARY EXAMINATION		
VII-1	A demand electing the State(s) for which the Office acts as an elected Office has been received by the International Preliminary Examining Authority (where the elected Office is a regional Office, indication of the State(s) elected in respect of which the Office acts as an elected Office):	No
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. +41 22 740 14 35		Authorized officer Dorothee Mülhausen e-mail pct.cor@wipo.int Telephone No. +41 22 338 83 38